

Abstract

Improvements in Coating Glass

A process for the production of a heat-treatable
5 low emissivity coated glass that comprises the steps of
depositing an underlayer onto a glass substrate and
subsequently depositing a reflective metal layer by a
vacuum deposition process, wherein the underlayer is
10 deposited by a pyrolytic deposition process. Preferably
an anti-reflection layer is deposited by a vacuum
deposition process on to the coated glass after
deposition of the reflective metal layer. The
underlayer may comprise a silicon oxide, the reflective
15 metal layer may comprise silver and the anti-reflection
layer may comprise a metal oxide, especially tin oxide
or zinc oxide. The coated glass preferably has an
emissivity of below 0.2 after heat treatment in an
oxidising atmosphere.

20 Figure 1

25

30